

# 5DW 2 All stainless steel well pump



## Application

- Pumping for wells, tanks
- For domestic applications (watering, irrigation, rainwater recovery)

## Pompe

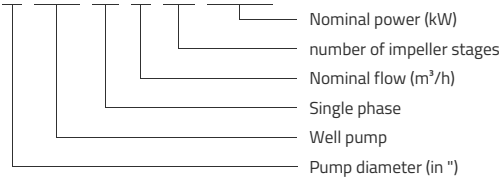
- Maximum liquid temperature: +35 °C
- Minimum immersion depth: 100 mm
- Maximum immersion depth: 20 m
- Pump diameter: 5"
- Double mechanical seal carbon / ceramic and SiC / SiC
- Cable length: 15 m

## Moteur

- Rewindable motor
- Insulation class: F
- Protection class: IP68

## Identification codes

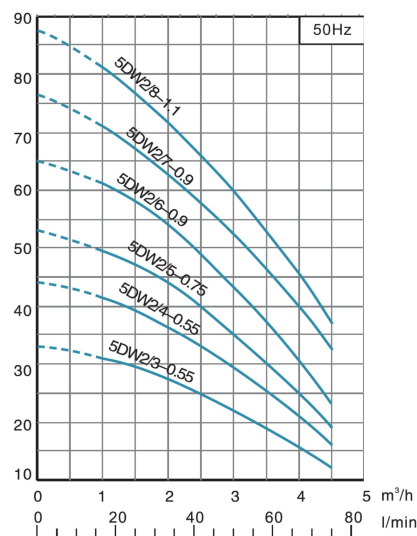
**5 DW m 2 /3 -0.55**



## Technical data

| MODEL         | kW   | Q (m³/h) |      |      |      |      |      |      |      |      |  |  |
|---------------|------|----------|------|------|------|------|------|------|------|------|--|--|
|               |      | 0        | 1    | 1.5  | 2    | 2.5  | 3    | 3.5  | 4    | 4.5  |  |  |
| 5DWm2/3-0.55  | 0.55 | 33       | 31   | 29.5 | 27.5 | 25   | 22   | 19   | 16   | 12   |  |  |
| 5DW2/5-0.75P  | 0.75 | 53       | 49.5 | 47   | 44   | 40   | 35   | 30   | 25   | 19   |  |  |
| 5DWm2/3-0.55P | 0.55 | 33       | 31   | 29.5 | 27.5 | 25   | 22   | 19   | 16   | 12   |  |  |
| 5DWm2/5-0.75P | 0.75 | 53       | 49.5 | 47   | 44   | 40   | 35   | 30   | 25   | 19   |  |  |
| 5DW2/3-0.55   | 0.55 | 33       | 31   | 29.5 | 27.5 | 25   | 22   | 19   | 16   | 12   |  |  |
| 5DWm2/4-0.55  | 0.55 | 44       | 41.5 | 39.5 | 36.5 | 33.5 | 29.5 | 25.5 | 21   | 16   |  |  |
| 5DW2/4-0.55   | 0.55 | 44       | 41.5 | 39.5 | 36.5 | 33.5 | 29.5 | 25.5 | 21   | 16   |  |  |
| 5DW2/8-1.1    | 1.1  | 87.5     | 81   | 77   | 71.5 | 66   | 60   | 52.5 | 46   | 37   |  |  |
| 5DWm2/5-0.75  | 0.75 | 53       | 49.5 | 47   | 44   | 40   | 35   | 30   | 25   | 19   |  |  |
| 5DW2/5-0.75   | 0.75 | 53       | 49.5 | 47   | 44   | 40   | 35   | 30   | 25   | 19   |  |  |
| 5DWm2/6-0.9   | 0.9  | 65       | 61   | 58   | 54   | 49   | 43   | 37   | 30.5 | 23   |  |  |
| 5DW2/6-0.9    | 0.9  | 65       | 61   | 58   | 54   | 49   | 43   | 37   | 30.5 | 23   |  |  |
| 5DWm2/7-0.9   | 0.9  | 76.5     | 71   | 67.5 | 62.5 | 57.5 | 52.5 | 46   | 40   | 32.5 |  |  |
| 5DW2/7-0.9    | 0.9  | 76.5     | 71   | 67.5 | 62.5 | 57.5 | 52.5 | 46   | 40   | 32.5 |  |  |
| 5DWm2/8-1.1   | 1.1  | 87.5     | 81   | 77   | 71.5 | 66   | 60   | 52.5 | 46   | 37   |  |  |

## Hydraulic performance



## Dimensions

| MODEL         | Ref. Diam. | H       |
|---------------|------------|---------|
| 5DWm2/3-0.55  | 1¼         | 128 433 |
| 5DW2/5-0.75P  | 1¼         | 128 457 |
| 5DWm2/3-0.55P | 1¼         | 128 433 |
| 5DWm2/5-0.75P | 1¼         | 128 505 |
| 5DW2/3-0.55   | 1¼         | 128 409 |
| 5DWm2/4-0.55  | 1¼         | 128 457 |
| 5DW2/4-0.55   | 1¼         | 128 433 |
| 5DW2/8-1.1    | 1¼         | 128 553 |
| 5DWm2/5-0.75  | 1¼         | 128 505 |
| 5DW2/5-0.75   | 1¼         | 128 457 |
| 5DWm2/6-0.9   | 1¼         | 128 541 |
| 5DW2/6-0.9    | 1¼         | 128 493 |
| 5DWm2/7-0.9   | 1¼         | 128 565 |
| 5DW2/7-0.9    | 1¼         | 128 517 |
| 5DWm2/8-1.1   | 1¼         | 128 601 |



## Exploded view

| No. | Type                         | Materials                             |
|-----|------------------------------|---------------------------------------|
| 1   | Power cable                  | H07RN-F                               |
| 2   | O-ring                       | nitrile rubber (NBR)                  |
| 3   | Bolt                         | AISI 304 stainless steel              |
| 4   | Rotor                        |                                       |
| 5   | Stator                       |                                       |
| 6   | Bearing housing              | copper / stainless steel 304          |
| 7   | Mechanical seal              | carbon / ceramic, sil carb / sil carb |
| 8   | Impeller                     | AISI 304 stainless steel              |
| 9   | Diffuser                     | AISI 304 stainless steel              |
| 10  | Watertight ring              | PolyTetraFluoroEthylene               |
| 11  | Bolt                         | AISI 304 stainless steel              |
| 12  | Strainer                     | AISI 304 stainless steel              |
| 13  | Nut                          | AISI 304 stainless steel              |
| 14  | Rear cover                   | AISI 304 stainless steel              |
| 15  | Bearing                      |                                       |
| 16  | Stator casing                | AISI 304 stainless steel              |
| 17  | Jacket                       | AISI 304 stainless steel              |
| 18  | Front engine bearing support | copper / stainless steel 304          |
| 19  | Outlet fitting               | AISI 304 stainless steel              |

